

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/012042

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ C09K11/06, H05B33/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ C09K11/06, H05B33/14, H05B33/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2000-252076 A (Honda Motor Co., Ltd.), 14 September, 2000 (14.09.00), Claims (Family: none)	1,11-14
Y		3,5-7
A		4,8
X	JP 2000-143812 A (Sumitomo Electric Industries, Ltd.), 26 May, 2000 (26.05.00), Claims; Par. No. [0048] (Family: none)	1,2,11-14
Y		3,5-7
X	JP 8-259938 A (Toagosei Co., Ltd.), 08 October, 1996 (08.10.96), Claims (Family: none)	1,11-14
Y		3,5-7

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
14 October, 2004 (14.10.04)Date of mailing of the international search report
09 November, 2004 (09.11.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 8-231949 A (Osaka Gas Co., Ltd.), 10 September, 1996 (10.09.96), Claims (Family: none)	1,2,11-14 3,5-7
X	JP 2002-155274 A (Sumitomo Chemical Co., Ltd.), 28 May, 2002 (28.05.02), Full text & TW 511394 B & EP 1182245 A1 & US 2002/76577 A1	1,11-14 3,5-7
X	JP 2001-55447 A (Fuji Photo Film Co., Ltd.), 27 February, 2001 (27.02.01), Full text & US 6558819 B1	1,11-14 3,5-7
X	JP 2001-503077 A (Bayer AG.), 06 March, 2001 (06.03.01), Full text & DE 19644930 A1 & WO 98/11150 A1 & EP 925319 A1	1,3,11-17 9,10,19-26
X	JP 7-3257 A (Sumitomo Electric Industries, Ltd.), 06 January, 1995 (06.01.95), Full text & TW 421668 B & WO 94/22974 A1 & EP 647694 A1 & WO 95/33014 A1 & EP 712916 A1 & US 5834130 A1 & US 5869199 A	1,11-14
X	JP 4-202394 A (Matsushita Electric Industrial Co., Ltd.), 23 July, 1992 (23.07.92), Full text & DE 69118615 C & EP 470629 A1 & US 5331182 A1	1,11-14
X	JP 4-93389 A (Matsushita Electric Industrial Co., Ltd.), 26 March, 1992 (26.03.92), Full text & DE 699118615 C & EP 470629 A1 & US 5331182 A1	1,11-14
Y	JP 2003-171659 A (Sumitomo Chemical Co., Ltd.), 20 June, 2003 (20.06.03), Full text & EP 1245659 A1 & US 2002/193532 A1	3,5-7,9,10, 15-26
Y	WO 03/18653 A1 (Nippon Hoso Kyokai), 06 March, 2003 (06.03.03), Full text & US 2003/91862 A1 & JP 2003-342325 A	5-7,9,10, 19-26

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	JP 2004-220931 A (Mitsubishi Chemical Corp.), 05 August, 2004 (05.08.04), Claims (Family: none)	1
P,X	JP 2004-152746 A (Air Products and Chemicals Inc.), 27 May, 2004 (27.05.04), & EP 1401035 A2 & US 2004/56255 A1	1
P,X	JP 2004-269697 A (Toyo Ink Manufacturing Co., Ltd.), 30 September, 2004 (30.09.04), Claims (Family: none)	1
P,X	JP 2004-185967 A (Konica Minolta Holdings Kabushiki Kaisha), 02 July, 2004 (02.07.04), Claims (Family: none)	1
P,X	JP 2004-156027 A (Sony Chemicals Corp.), 03 June, 2004 (03.06.04), Claims & WO 2004/35652 A1	1
P,X	JP 2004-2755 A (Sumitomo Chemical Co., Ltd.), 08 January, 2004 (08.01.04), & WO 2003/84973 A1 & AU 2003/220974 A1	1